

Afg Water Treatment Technologies Ltd. Co.

Ayanoğlu Neighborhood, Süleyman Demirel Boulevard.
No:70 Kepez / Antalya, Post Office 07020
Tel : (+90) 242 327 00 17
Fax: (+90) 242 327 00 20

Reverse Osmosis Systems

Aspendos Series



Aspendos Series Reverse Osmosis Systems

- Membrane covers FRP
- TFC Spiral wound membranes 8" diameter
- AISI 304 or AISI 316 quality stainless steel vertical centrifugal high-pressure pump
- ST-37 Epoxy painted carbon steel chassis (optional stainless steel chassis)
- 5 micron precision cartridge filter (optional Styre filter)
- Low and high pressure pipes U-PVC PN16

(in Aspendos 180 - Aspendos 3080 devices)

- Low pressure line U-PVC PN16, High pressure line AISI 304 Stainless steel (in devices between Aspendos 3680 - Aspendos 7280)
- PLC control, automatic valves with electric actuators
- 380V / 50Hz / 3ph

** Device images will vary depending on the model.

Aspendos Series Reverse Osmosis System Features

MODEL	CAPACITY (m3/hour)	VOLTAGE (v/hz)	SYSTEM EFFICIENCY (%)	ENERGY (kw)	WORKING PRESSURE	DIMENSIONS (mm)	NUMBER OF COVERS	NUMBER OF MEMBRANES	MEMBRANE DIMENSIONS
Aspendos 180	1	380v/50hz	50	3	12	1250x1300x900	1	1	8" x 40"
Aspendos 280	2	380v/50hz	50	3	12	1250x1300x900	2	2	8" x 40"
Aspendos 380	3	380v/50hz	60	4	12	1400x4000x900	1	3	8" x 40"
Aspendos 480	4	380v/50hz	60	4	12	1400x4000x900	2	4	8" x 40"
Aspendos 680	6	380v/50hz	60	4	12	1550x4000x900	2	6	8" x 40"
Aspendos 880	8	380v/50hz	70	7,5	12	1750x4750x900	2	8	8" x 40"
Aspendos 1080	10	380v/50hz	70	11	12	1750x5750x900	2	10	8" x 40"
Aspendos 1280	12	380v/50hz	75	11	12	1750x7000x900	2	12	8" x 40"
Aspendos 1580	15	380v/50hz	75	11	12	1800x5750x900	3	15	8" x 40"
Aspendos 1880	18	380v/50hz	75	18,5	12	1800x7000x900	3	18	8" x 40"
Aspendos 2480	24	380v/50hz	75	22	12	1800x7000x900	4	24	8" x 40"
Aspendos 3080	30	380v/50hz	75	22	12	2200x7000x1000	5	30	8" x 40"
Aspendos 3680	36	380v/50hz	75	30	12	2200x7000x1400	6	36	8" x 40"
Aspendos 4280	42	380v/50hz	75	30	12	1800x7000x1400	7	42	8" x 40"
Aspendos 4880	48	380v/50hz	75	30	12	1800x7000x1400	8	48	8" x 40"
Aspendos 6080	60	380v/50hz	75	37	12	2500x7000x1400	10	60	8" x 40"
Aspendos 7280	72	380v/50hz	75	45	12	2100x7000x2100	12	72	8" x 40"

- Inlet water TDS: 0-2,000 ppm
- Inlet water pressure: 2 to 5 bar
- Inlet water pH range: 6-8
- Silica (SiO₂) tolerance: 25 ppm max.
- Min. and max. inlet water temperature (10° C - 30° C)
- Max. Iron (Fe) tolerance: 0.05 ppm (if ASC is not dosed) 0.2 ppm (if ASC is dosed)
- There should be no Hydrogen Sulfide.
- There should be no turbidity (NTU <1)
- There should be no oil or grease (SDI < 5), and no microbiological contamination.